GOVERNMENT OF INDIA
WATER RESOURCES, RIVER DEVELOPMENT AND GANAGA REJUVENATION
LOK SABHA

UNSTARRED QUESTION NO:4627
ANSWERED ON:15.12.2016
Audit of Irrigation Projects/Dams
Khadse Smt. Raksha Nikhil

Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANAGA REJUVENATION be pleased to state:

(a) whether the Government proposes to bring irrigation projects/dams older than 20 years under social and economic audit, it so, the details and the purpose thereof;
(b) whether the Government has prepared a list in this regard, if so, the Statewise details thereof along with the time schedule fixed for their audit;
(c) whether the drought prone areas are to be prioritized for the purpose; and
(d) if so, the details thereof?

Answer

THE MINISTER OF STATE FOR WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION
(DR. SANJEEV KUMAR BALYAN)
(a) to (d) Central Water Commission (CWC) carries out Post Project Performance Evaluation Studies and Water Use Efficiency Studies of completed major / medium irrigation projects to identify deficiencies and recommend measures for improving the performance of the projects to achieve envisaged objectives and targeted benefits. The scope of the studies, inter-alia, includes evaluation of system performance, agro-economic, socio-economic and economic analysis of the project. The projects which have completed at least 5 years of operation are selected for the study based on gap between Irrigation Potential Created & Utilization as well as the potential for drought proofing. CWC has completed Performance Evaluation Studies of 131 projects as listed at Annexure-1. Post Projects Performance Evaluation Studies of 6 projects are at various stages of study and the details are at Annexure-2. In addition, Water Use Efficiency Studies have been completed for 35 projects(Annexure-3).
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Annexure-1
Annexure referred to in reply to parts (a) to (d) of LokSabha Un-starred Question No 4627 on Audit of Irrigation Projects/Dams for answer on 15.12.2016
List of completed Post Project Performance Evaluation Studies
S. No.
Project
State
1
Gajuladinne Medium Project
Andhra Pradesh
2
Gandipalem Project
Andhra Pradesh
3
Godavari Delta
Andhra Pradesh
4
Godavari Delta Region - Socio-economic and agro-economic survey
Andhra Pradesh
5
NagarjunaSagar Project
Andhra Pradesh
6
Sriramsagar
Andhra Pradesh
7
Dihand dam project - Evaluation of the role of on social and economic conditions in Arunachal Pradesh
Arunachal Pradesh
8
Bordikarai irrigation - Report on post-facto evaluation scheme
Assam
9
Jamuna Project
Assam
10
Kaldiya Project
Assam

11
Kaliabor Project
Assam
12
Sukla Irrigation Project
Assam
13
Badua Reservoir project - Post facto study
Bihar
14
Chandan reservoir project - Post facto study
Bihar
15
Durgawati irrigation project (OLD) - Post facto study
Bihar
16
Eastern Kosi Canal Project
Bihar
17
Gobai irrigation project - Post facto evaluation study
Bihar
18
Kamla irrigation project - Post facto study
Bihar
19
Kiul irrigation project - Post facto study of lower
Bihar
20
Kohira Project
Bihar
21
Kohira reservoir project - Post facto study
Bihar
22
Kosi CAD programme - Evaluation study
Bihar
23
Kosi Project
Bihar
24
Lower Morhar irrigation project - Post facto study
Bihar
25
Mayurakshi irrigation project - Post facto study
Bihar
26
Musakhand (Karmnasa) Irrigation project - Post facto study
Bihar
27
Oria-Danro reservoir project - Post facto study
Bihar
28
Palna reservoir - Post facto evaluation study
Bihar
29
Paras irrigation project - Post facto study
Bihar
30
Sakri irrigation project - Post facto study
Bihar
31
Upper Morhar irrigation project - Post facto study
Bihar
32
Chandan Reservoir Project - PES
Bihar
33
Aji-II irrigation project socio-economic survey of command area Rajkot Distrct
Gujarat
34
Bhadar − Modernisation of Medium irrigation project study of socio-economic aspects and irrigation management

Gujarat
35
Bhadar irrigation project panchmahal and KhedaDistt.
Gujarat
36
Bhadar(P), Gujarat
Gujarat
37
Damanganga
Gujarat
38
Damanganga irrigation project socio-economic study of command area
Gujarat
39
Dantiwada
Gujarat
S. No.
Project
State
40
Dantiwada project − A case study towards evolving criteria for planning and design of irrigation system
Gujarat
41
Demi-ll irrigation project, socio-economic survey of command area Rajkot district
Gujarat
42
Deo Irrigation Project
Gujarat
43
Dharoi project − Evaluation studies for command area development programme, Gujarat
Gujarat
44
Dharvi Project
Gujarat
45
Hadaf Irrigation project, socio-economic survey of command area Panchmahals
Gujarat
46
Jhuj irrigation project socio-economic survey of command area Valsad&Surat
Gujarat
47
Kalubhar irrigation project, Bhavnagar Distt.
Gujarat
48
Karjan command area − A socio-economic study
Gujarat
49
Kelia Irrigation project, socio-economic survey of command area Valsad
Gujarat
50
Kharicut
Gujarat
51
Kharicut medium irrigation project − An impact evaluation of within the perspective of modernisation
Gujarat
52
Machhu-I
Gujarat
53
Machhu-I irrigation project socio-economic cum efficiency study
Gujarat
54
Machhu-ll
Gujarat
55
Madhavpur and UNA − Socio-economic survey in south coast of saurashtra affected by ingress of salinity
Gujarat
56
Mazam irrigation project, Sabarkantha district
Gujarat
57

ModernisationBhadar
Gujarat
58
Shetrunji − Modernisation of Medium Irrigation Project,
Gujarat
59
Sipu irrigation project socio-economic survey of command area Banaskantha District
Gujarat
60
Sukhbhadar irrigation project socio-economic survey of command area, Bhavnagar
Gujarat
61
Sukhi irrigation project, socio-economic survey of command area Vadodara
Gujarat
62
Uben&Machhundri
Gujarat
63
Uren irrigation project, Socio-economic survey of command area, Junagadh& Rajkot
Gujarat
64
Zankhari Irrigation project socio-economic survey of command area Surat
Gujarat
65
UkaiKakrapar
Gujarat
66
Evaluation report on the effect of augmentation tubewells on private tubewells in district Karnal
Haryana
67
Evaluation report on the working of augmentation tubwells installed along the augmentation canal
Haryana
68
Evaluation study of lining of water courses in Haryana
Haryana
69
Evaluation study of the working of direct irrigation tubewells in Haryana
Haryana
70
Gurgaon canal system − A performance evaluation
Haryana
71
JLN − Evaluation studies for command area development programme
Haryana
72
Jui canal command area − Evaluation study of command area development programme
Haryana
73
Siwani lift irrigation project − Evaluation study, Haryana
Haryana
S. No.
Project
State
74
Balh valley
Himachal Pradesh
75
Girni
Himachal Pradesh
76
Kanchi weir Irrigation Project
Jharkhand
77
Malaprabha project − Evaluation study for command area development programme
Karnataka
78
Upper Mullamari Project
Karnataka
79
Cheerakuzhi Project
Kerala

80
Neyyar and Malampuzha irrigation project − Evaluation of the impact of CADA
Kerala
81
Pazhassi Project
Kerala
82
Barna Project
Madhya Pradesh
83
Barnai − Report on socio-economic survey of medium irrigation project
Madhya Pradesh
84
Bundala − Report on socio-economic survey of medium irrigation project
Madhya Pradesh
85
Chandora − Report on socio-economic of medium irrigation project
Madhya Pradesh
86
Chhirpani − Report on socio-economic survey of medium irrigation project
Madhya Pradesh
87
Choral − Report on socio-economic survey of medium irrigation project
Madhya Pradesh
88
Ghunghutta − Report on socio-economic survey of medium irrigation project
Madhya Pradesh
89
Gomukh − Report on socio-economic survey of medium irrigation project
Madhya Pradesh
90
HasdeoBango Project
Madhya Pradesh
91
Kanhargaon − Report on socio-economic survey of medium irrigation project
Madhya Pradesh
92
Tawa Irrigation Project
Madhya Pradesh
93
Samrat Ashok Sagar Irrigation Project
Madhya Pradesh
94
BOR irrigation project - Performance evaluation report
Maharashtra
95
Kukadi Project
Maharashtra
96
Mula irrigation project - Evaluation studies
Maharashtra
97
NeeraPraveera
Maharashtra
98
Nirgudi irrigation scheme - Diagnostic analysis
Maharashtra
99
Ozarked project - Report on Bench Mark socio-economic survey
Maharashtra
100
Palkhed command area - Socio-economic changes
Maharashtra
101
Pench Project
Maharashtra
102
Shahnoor Project
Maharashtra
103
Surya Project

Maharashtra
104
Waghad project - Report on bench mark socio-economic survey
Maharashtra
105
Itiadoh Irrigation Project,
Maharashtra
106
Loktak Lift Irrigation Project
Manipur
107
Salia Project
Orissa
108
Sunei Project
Orissa
109
Salki Irrigation Project
Orissa
110
Sidhwan Branch Irrigation System
Punjab
111
Sirhind Feeder canal
Punjab
112
Chambal - Evaluation study for command area development programme
Rajasthan
113
Harish Chandra Sagar Project
Rajasthan
S. No.
Project
State
114
Rajasthan canal (Indira Gandhi Nahar Project)
Rajasthan
115
Surwal Project
Rajasthan
116
Indira Gandhi Nahar Canal
Rajasthan
117
Kota Barrage
Rajasthan
118
Lower Bhawani project - Performance evaluation
Tamil Nadu
119
ParambikulamAliyar Project - Evaluation Study on the Irrigation Development
Tamil Nadu
120
PariyarVaigai Project
Tamil Nadu
121
Kodayar Irrigation Project
Tamil Nadu
122
Augasi Canal Project
Uttar Pradesh
123
Kanpur Branch Canal
Uttar Pradesh
124
Saryu Pump Canal Project
Uttar Pradesh
125
Shahzad Dam project
Uttar Pradesh
126

Sharda canal project-Evaluation of command area development
Uttar Pradesh
127
Study of water rates for irrigation Ramganga, ShardaSahayak, Gandak
Uttar Pradesh
128
Nanak Sagar Irrigation Project
Uttar Pradesh
129
Kangsabati Project
West Bengal
130
Karotowa Project
West Bengal
131
Mayurakshi − Evaluation study for CAD programme
West Bengal
Annexure 2
Annexure referred to in reply to parts (a) to (d) of LokSabha Un-starred Question No 4627 on Audit of Irrigation Projects/Dams for answer on 15.12.2016
List of ongoing Post Project Performance Evaluation Studies
S. No.
Project
State
1
Bhimsagar Irrigation Project
Rajasthan
2
SomKamlaAmba Irrigation Project
Rajasthan
3
Salandi Irrigation Project
Odisha
4
Jayakwadi Stage-I Irrigation Project
Maharashtra
5
Krinshnagiri reservoir Irrigation Project
Tamil Nadu
6
Giri Irrigation Project
Himachal Pradesh
Annexure 3
Annexure referred to in reply to parts (a) to (d) of LokSabha Un-starred Question No 4627 on Audit of Irrigation Projects/Dams for answer on 15.12.2016
List of completed Water Use Efficiency Studies
Sl No
Name of Project
State
1
KoilSagar Project
Andhra Pradesh
2
Bhairavanithippa Project
Andhra Pradesh
3
Augmentation Canal Project
Haryana
4
Matatila Dam Project
Uttar Pradesh
5
Eastern sone canal
Bihar
6
Vamsadhara Project
Andhra Pradesh
7
Durgawathi Irrigation Project
Bihar
8

Dholabaha Dam Project
Punjab
9
Kamla Irrigation Project
Bihar
10
Naugarh Dam Irrigation Project
Uttar Pradesh
11
Ahraura Dam Irrigation Project
Uttar Pradesh
12
Tungabhadra High Level Canal
Andhra Pradesh
13
Godavari Delta System (Sir Arthur Cotton Barrage)
Andhra Pradesh
14
Sri Ram Sagar Project
Andhra Pradesh
15
Rajolibanda Diversion Scheme
Andhra Pradesh
16
East Baigul Reservoir Project
Uttar Pradesh
17
Krishna Delta System (Prakasam Barrage)
Andhra Pradesh
18
Nizamsagar Project
Andhra Pradesh
19
WalmikiSarovar Project
Uttar Pradesh
20
Pili Dam Project
Uttar Pradesh
21
RanjitSagar Dam Project
Punjab
22
Tungabhadra Low Level Canal
Andhra Pradesh
23
Saran Canal Irrigation Project
Bihar
24
Upper Morhar
Bihar
25
Kurnool −Cuddapah Canal System
Andhra Pradesh
26
Gandipalem Project
Andhra Pradesh
27
Gajuladinne (SanjeevaiahSagar Project)
Andhra Pradesh
28
NagarjunaSagar Project
Andhra Pradesh
29
Somasila Project
Andhra Pradesh
30
Kaddam Project
Andhra Pradesh
31
Srisailam Project
Andhra Pradesh

32
Narayanapuram Project
Andhra Pradesh
33
Yeleru Project
Andhra Pradesh
34
Nagal Lift Project
Haryana
35
Upper Manair Project
Andhra Pradesh